

# 434 Mhz Standard (OOK) Receiver

AC-RX2

new trimmable capacitor

-106\* dBm

**Pin-out**  
 1) +V  
 2) Ground  
 3) Antenna  
 7) Ground  
 11) Ground  
 13) Test Point  
 14) Data Output  
 15) +V

5v

Information subject to change without notice

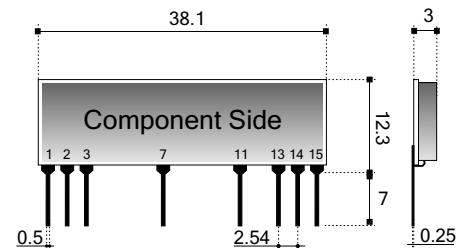
## Description

Trimmable coil, low current, low antenna radiation and high insensitivity to power switching noises.  
 Optimized for HCSXXX Microchip family.  
 In compliance with European Normative.  
<sup>(1)</sup> RF generator with 100% modulation

## Descrizione

Ricevitore con bobina variabile a basso assorbimento, alta immunità ai disturbi di alimentazione e bassa radiazione in antenna. Caratteristiche ottimali per la famiglia HCSXXX (Microchip).  
 In accordo con le Normative Europee.  
<sup>(1)</sup> Generatore RF con 100% di modulazione

## Mechanical Dimensions



## Technical Specification

Ta = 25 °C

CHARACTERISTICS	MIN	TYP	MAX	UNIT
V <sub>S</sub> Supply Voltage • Alimentazione	4.5	5	5.5	Vdc
I <sub>S</sub> Supply Current • Corrente Assorbita		2.5	3	mA
F <sub>w</sub> Reception frequency • Frequenza di ricezione		433.92		MHz
S <sub>i</sub> RF sensitivity • Sensibilità RF		-106 <sup>(1)</sup>		dBm
B <sub>w</sub> - 3dB RF Bandwidth • Banda passante RF a - 3dB		±2		MHz
S <sub>o</sub> Square wave output • Onda quadra in uscita			3	KHz
S <sub>L</sub> Spectrum emitted level • Radiazione in antenna		-65	-60	dBm
H <sub>o</sub> Output high voltage • Livello alto d'uscita	V <sub>S</sub> - 1.2			V
L <sub>o</sub> Output low voltage • Livello basso d'uscita			GND + 0.4	V
T <sub>ON</sub> Switch-on time • Tempo di accensione			2	s
T <sub>OP</sub> Operating temperature range • Temperatura di lavoro	-20		+80	°C

Part number: 650200884

Date: 11 Oct 2005